XML TRANSACTION SETS

Standard XML documents supporting GLOVIA G2 XML Framework

GLOVIA G2 XML Framework comes with an ever-increasing number of XML documents to support the exchange of information between GLOVIA G2 and external systems. XMLFramework supports three sets of standard data transactions: Synchronization, Demand (customer facing), and Supply (vendor facing).

Customer Facing Transactions

XML Framework supports multiple XML documents related to demand including order additions, order changes, order cancellations, order acknowledgements, and demand forecasts. Example A shows the included supported XML Transaction Sets.

Supplier Facing Transactions

XML Framework supports multiple XML documents related to supply including requests for quotes, computerplanned orders (CPO), CPO conversions, and acknowledgements. Example B shows the included supported XML Transaction Sets.

Example A

XML Name	Description	Direction
Sales Quote		
QuoteAdd	Receive RFQ, create SQ	Inbound
QuoteClose	Receive cancellation of RFQ, close SQ	Inbound
QuoteAck	Send Acknowledgement of Sales Quote data	Outbound
QuotePromise	Send Promise Date for SQ	Outbound
Sales Order[1]		
ConsumptionAdvice	Record inventory consumed from consigned location	Inbound
OrderAdd	Receive new PO and create SO	Inbound
OrderChange	Receive PO changes, update SO	Inbound
OrderCancel	Receive PO cancel, cancel SO	Inbound
ReceiptAdvice	Acknowledge receipt of inventory at consigned location	Inbound
OrderResponse	Acknowledgement of SO creation against PO	Outbound
OrderPromise	Send Promise Date for PO	Outbound
SIR	Send SO changes	Outbound
Shipping		
ASNAdd	Send Advanced Shipping Notice	Outbound
ASNCancel	Cancel Advanced Shipping Notice	Outbound
OrderAdd (SI)	Send new Shipping Instruction	Outbound
OrderChange (SI)	Send Shipping Instruction changes	Outbound
OrderCancel (SI)	Cancel Shipping Instruction	Outbound
PackList	Shipping instructions for external warehouse	Outbound
Billing		
InvoiceAdd	Send Invoice	Outbound
Item Catalog		
SupplierItemCatalog	Send Item Catalog data to Customer for synchronization purposes	Outbound
Forecast (MPS)		
Forecast	Receive Forecast from customer for future demand	Inbound
ForecastResponse	Acknowledgement of MPS Forecast data entered	Outbound

Example B

XML Name	Description	Direction
Planning		
CPO	Outbound Send CPO	Outbound
PlanningExceptions	Send Planning Exceptions	Outbound
CPOConfirmInbound	CPO to PO conversion	Inbound
Purchase Order[2]		
ConsumptionAdvice	Record inventory consumed from consigned location	Outbound
OrderAdd	Send new Purchase Order	Outbound
OrderChange	Send PO Cancel	Outbound
OrderCancel	Send Purchase Order changes	Outbound
OrderResponse	Receive Acknowledgement for PO	Inbound
OrderPromise	Receive Promise Date for PO	Inbound
Assembly		
AssemblyInstructionAdd	Send Assembly Instruction	Outbound
AssemblyInstructionCancel	Cancel Assembly Instruction	Outbound
Shipping		
ASNAdd	Receive Advanced Shipping Notice from Vendor	Inbound
OrderAdd (SI)	Send new Shipping Instruction	Outbound
OrderChange (SI)	Send Shipping Instruction changes	Outbound
OrderCancel (SI)	Cancel Shipping Instruction	Outbound
A/R		
InvoiceAdd	Receive Invoice	Inbound
Item Catalog		
CustomerItemCatalog	Send Item Catalog data to Vendor for synchronization purposes	Outbound
Forecast (MPS)		
Forecast	Send Forecast to vendor informing future demand	Outbound
ForecastResponse	Receive acknowledgement of MPS Forecast	Inbound

1. *Outbound/Inbound transaction corresponds to Inbound/Outbound transaction in GLOVIA G2 Purchase Order module*
2. *Outbound/Inbound transaction corresponds to Inbound/Outbound transaction in Sales Order module XML Name Description Direct*

Data Synchronization Transactions

XML Framework supports multiple XML documents for data synchronization and master data management including item catalog, item planning, item Bill of Materials (BOM), routing, and vendor and customer information. The support-ed XML Transaction Sets include:

XML	Description	Direction
Item Catalog		
MaterialItemMaster	Push/Receive Item data to/from external systems	Both
MaterialItemRequest	Request the sending of Item data from other systems	Both
MaterialItemMasterMerge	Trigger the process of populating the target catalog with all the Items that have been sent via a set of MaterialMaster XML transactions.	Both
LocalStructureAddorReplace	Adds a new, or, replaces an existing Local Structure	Inbound
ProgressiveEngineeringItemReplacement	Replaces a Progressive Engineering Item with the 'As designed' item.	
Customer and Supplier Catalog (cross-reference)		
CustomerItemCatalog	Select and send Customer Catalog data (System level) to external systems	Both
SupplierItemCatalog	Select and send Supplier Catalog data (System level) to external systems	Both
Packlist Synchronization		
Packlist	Select and send SO Pack-list to external systems	Both
Purchase Order Synchronization		
PurchaseOrder	Synchronize Purchase Order transactions	Both
PurchaseOrderAck	Acknowledgement to Purchase Order transaction	Both
PurchaseRequisition	Synchronize Purchase Requisition transactions	Outbound
PurchaseRequisitionAck	Acknowledgement to Purchase Requisition	Outbound
PurchaseRequisition Approval	Approval of Purchase Requisition	Outbound
PurchaseRequisition Conversion	Conversion of Purchase Requisition to Purchase Order	Inbound
PurchaseOrderReceipt	Purchase Order Receipt Transaction	Inbound
Sales Order Synchronization.		
SalesOrder	Synchronize Sales Order transactions	Both
SalesOrderAck	Acknowledgement for Sales Order transaction	Both
Sales Quote Synchronization		
SalesQuote	Synchronize Sales Quote transactions	Both
SalesQuoteAck	Acknowledgement for Sales Quote transaction	Both
Work Order Synchronization		
WorkOrder	Synchronize Work Order transaction	Both
WorkOrderAck	Acknowledgement for Work Order transaction	Both
WOReleaseInstruction	Synchronize Work Order Release Instruction transaction	Both
WOReleaseInstructionAck	Acknowledgement for Work Order Release Instruction transaction	Both
WOPullTicketIssue	Synchronize Pull Ticket Issue transaction	Inbound
WOPullTicketIssueAck	Acknowledgement for Pull Ticket Issue transaction	Both
WOPullTicket	Synchronize Pull Ticket transaction	Inbound
WOPullTicketIssueReverse	Synchronize Pull Ticket Revers Issue transaction	Inbound
WOCompletion	Synchronize Work Order Completion transaction	Both
WOCompletionAck	Acknowledgement for Work Order Completion transaction	Both
WOCompletionReverse	Synchronize Work Order Reverse Completion transaction	Both
WOAssemblyScrap Instruction	Synchronize Work Order Assembly Scrap transaction	Both
WOAssemblyScrapAck	Acknowledgement for Work Order Assembly Scrap transaction	Both
WOComponentScrap Instruction	Synchronize Work Order Component Scrap transaction	Both
WOComponentScrapAck	Acknowledgement for Work Order Component Scrap transaction	Both
WOOperationScrap Instruction	Synchronize Work Order Operation Scrap transaction	Both
WOOperationScrapAck	Acknowledgement for Work Order Operation Scrap transaction	Both
Inventory Synchronization		
AssignStorageLocation	Syncrhonize Assign Storage Location	Both
AssignStorageLocationAck	Acknowledgement of Assign Storage Location	Both
InspectionResult	Synchronize Inspection Result	Both
InspectionResultAck	Acknowledgement of Inspection Result	Both
InventoryAdjustment	Synchronize Inventory Adjustment	Both
InventoryAdjustmentAck	Acknowledgement of Inventory Adjustment	Both
Loc2LocTransfer	Synchronize Location to Location Transfer	Both
Loc2LocTransferAck	Acknowledgement of Location to Location Transfer	Both
MasLoc2MasLocTransfer	Synchronize Master Location to Master Location Transfer	Both
MasLoc2MasLocTransferAck	Acknowledgement of Master Location to Master Location Transfer	Both
MaterialIssue	Synchronize Material Issue	Both
MaterialIssueAck	Acknowledgement of Material Issue	Both
MaterialReceipts	Synchronize Material Receipts	Both
MaterialReceiptsAck	Acknowledgement of Material Receipts	Both
MaterialScrap	Synchronize Material Scrap	Both
MaterialScrapAck	Acknowledgement of Material Scrap	Both
MoveToInspect	Synchronize Move To Inspect	Both
MoveToInspectAck	Acknowledgement of Move To Inspect	Both
MRBResults	Synchronize Material Review Board (MRB) Results	Both
MRBResultsAck	Acknowledgement of Material Review Board (MRB) Results	Both